# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria. Virginia 22313-1450

Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

21559

7590

03/28/2005

CLARK & ELBING LLP 101 FEDERAL STREET BOSTON, MA 02110 EXAMINER
NGUYEN, PHUONGCHAU BA

•

PAPER NUMBER

ART UNIT

DATE MAILED: 03/28/2005.

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.,
09/973 855	10/09/2001	Dae Sik Kim	50051/011001	7126

TITLE OF INVENTION: APPARATUS AND METHOD FOR DELAY BOUND WEIGHTED ROUND ROBIN CELL SCHEDULING IN ASYNCHRONOUS TRANSFER MODE SWITCH

APPLN. TYPE	APPLN. TYPE SMALL ENTITY		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400	\$300	\$1700	06/28/2005	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new maintenance fee notifications.  CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)  21559 7590 03/28/2005  CLARK & ELBING LLP 101 FEDERAL STREET BOSTON, MA 02110				· <del>-</del>	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.  Certificate of Mailing or Transmission  I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.			
							(Depositor's name)	
					_		(Signature)	
					-		(Date)	
APPLICATION NO.	FILING DATE	F	FIRST NAMED	INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/973,855	10/09/2001		Dae Sik	c Kim		50051/011001	7126	
TITLE OF INVENTION: A MODE SWITCH	APPARATUS AND METHO	D FOR DELAY B	OUND WEIC	JHTED	ROUND ROBIN CE	LL SCHEDULING IN ASYI	NCHRONOUS TRANSFER	
APPLN, TYPE	SMALL ENTITY	ISSUE FE	EE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400		\$300		\$1700	06/28/2005	
EXA	MINER	ART UNI	IT	CL	ASS-SUBCLASS	]		
NGUYEN, PH	UONGCHAU BA	2665			370-395410			
CFR 1.363).  Change of correspon Address form PTO/SB/1  "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required.	dence address or indication of "Fe adence address (or Change of 0 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use	Correspondence tion form of a Customer	(1) the nam or agents O (2) the nam registered a 2 registered listed, no na	nes of u OR, alter ne of a s attorney d patent ame wi	single firm (having as or agent) and the nar attorneys or agents. I l be printed.	a member a 2nes of up to		
	D RESIDENCE DATA TO BE as an assignee is identified be in 37 CFR 3.11. Completion of NEE	low, no assignee of this form is NOT	data will appe a substitute f	ear on t	• • •		document has been filed for	
- 11 1	te assignee category or categor	ries (will not be pri	inted on the pa	atent) :	Individual 🗖 (	Corporation or other private gi	roup entity Government	
4a. The following fee(s) are	e enclosed:	4b	. Payment of I		anumt of the fee(a) is a	nalagad	•	
	small entity discount permitte	d)			amount of the fee(s) is enclosed.  edit card. Form PTO-2038 is attached.			
Advance Order - # of Copies				ctor is l	ereby authorized by	charge the required fee(s), or (enclose an extra	credit any overpayment, to	
a. Applicant claims S	s (from status indicated above SMALL ENTITY status. See 3	) 37 CFR 1.27.	b. Applica	ant is no	longer claiming SMA	ALL ENTITY status. See 37 C	CFR 1.27(g)(2).	
The Director of the USPTC NOTE: The Issue Fee and I interest as shown by the rec	) is requested to apply the Issu Publication Fee (if required) w cords of the United States Pate	e Fee and Publicat vill not be accepted ent and Trademark	ion Fee (if any I from anyone Office.	y) or to other th	re-apply any previous an the applicant; a rep			
Authorized Signature					Date			
Typed or printed name					_	n No		
This collection of informat an application. Confidentia submitting the completed a this form and/or suggestion	ion is required by 37 CFR 1.3 lity is governed by 35 U.S.C. application form to the USPT is for reducing this burden, sh ginia 22313-1450 DO NOT	11. The information 122 and 37 CFR 10. Time will vary tould be sent to the	n is required to 1.14. This coll depending up to Chief Inform	o obtain lection in on the	or retain a benefit by s estimated to take 12 ndividual case. Any officer, U.S. Patent and	the public which is to file (ar minutes to complete, includic comments on the amount of the d Trademark Office, U.S. Dep	nd by the USPTO to process) ng gathering, preparing, and ime you require to complete partment of Commerce, P.O.	

Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO	FI:	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/973,855		10/09/2001	Dae Sik Kim	50051/011001	7126
21559	7590	03/28/2005		EXAM	INER
CLARK & ELBING LLP				NGUYEN, PHUONGCHAU BA	
101 FEDERA BOSTON, MA				ART UNIT	PAPER NUMBER
,			·	2665	
				DATE MAILED: 03/28/200	5

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 840 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 840 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.